

Memorandum

To: File 536

From: Ron Lehman, O&M Superintendent

Date: January 31, 2003

Re: Platte River Ice Thickness Measurements Along Western Sarpy Dike

On January 29, 2003, the writer took ice thickness measurements on the Platte River. The measurements were taken perpendicular to the river flow, near Camp Ashland, approximately 0.5 miles upstream of Highway 6.

A gas powered auger was used to drill the holes. The location of the holes on the table below are measured (stepped off) from the west bank of the Platte River.

Distance From East Bank (Feet)	Ice Thickness (Inches)	Depth From Top Of Ice To River Bed (Inches)
50	9.0	29.0
250	9.0	20.0
450	11.0	50.0
650	6.5	11.0
850	9.0	12.0
*1,050	10.5	15.0

*This hole is located about 125 feet from the east bank of the river.

The average ice thickness is **9.2 inches**.

cc: Steve Oltmans, Marlin Petermann, Martin Cleveland, Paul Woodward, P-MRNRD
Cindy Newsham, NEMA
Brian Dunnigan, NDNR
Jeff Reese, NWS
Janelle Mavis, COE